

Rigaku XRF Fluorescence Spectrometer



Overview

As the world's only high-power benchtop sequential wavelength dispersive X-ray fluorescence (WDXRF) spectrometer for elemental analysis of oxygen (O) through uranium (U) of almost any material, the Rigaku Supermini200 uniquely delivers low cost-of-ownership (COA) with high resolution. As the world's only high-power benchtop sequential wavelength dispersive X-ray fluorescence (WDXRF) spectrometer for elemental analysis of oxygen (O) through uranium (U) of almost any material, the Rigaku Supermini200 uniquely delivers low cost-of-ownership (COA) with high resolution. X-ray fluorescence (XRF) is an analytical technique used for non-destructive elemental analysis of a wide range of materials. It relies on the principle that when a material is irradiated with high-energy X-rays, the atoms within the material are excited, leading to the emission of characteristic. The Rigaku Supermini200 delivers the WDXRF resolution of a much larger system in a compact, benchtop package. Its powerful software, ease of use, small footprint and low operating costs make it ideal for smaller labs needing to analyze geological materials, metals and alloys, ceramics, cement. Wavelength dispersive X-ray fluorescence (WDXRF) is a technique that has become indispensable when fast, accurate elemental analysis is needed, as when controlling a melt in a steel works or the raw mix at a cement plant.



Article Content

Sep 15, 2025

Rigaku Supermini200 Benchtop WDXRF Spectrometer

As the world's only high-power benchtop sequential wavelength dispersive X-ray fluorescence (WDXRF) spectrometer for elemental analysis of oxygen (O) through uranium (U) of almost any material, the

Sep 01, 2025

Supermini200 | X-ray fluorescence spectrometers | Rigaku

The Rigaku Supermini200 packages delivers the WDXRF resolution of a much larger system into a compact, benchtop package. Its powerful software, ease

Mar 03, 2026

X-ray fluorescence spectrometer

As a high-power benchtop sequential wavelength dispersive X-ray fluorescence (WDXRF) spectrometer, for elemental analysis of oxygen (O) through uranium

Sep 16, 2025

NEX CG II Series

NEX CG II Series are powerful second-generation energy dispersive X-ray fluorescence (EDXRF) spectrometers that deliver rapid qualitative and

Mar 11, 2026

Products

Energy dispersive XRF (EDXRF) Energy dispersive X-ray fluorescence (EDXRF) spectroscopy provides one of the simplest, most accurate and most economic analytical methods for the determination of

Apr 02, 2026

Rigaku Corporation X-Ray Fluorescence Spectrometers Data Sheets ...

Rigaku Corporation Datasheets for X-Ray Fluorescence Spectrometers X-ray fluorescence spectrometers (XRFs) use a spectroscopic technique that is commonly used with solids, in which X

Mar 09, 2026

ZSX Primus IV

Tube-above sequential wavelength dispersive X-ray fluorescence spectrometer
Elemental analysis of solids, liquids, powders, alloys and thin films As a tube

Jan 21, 2026

SUPERMINI 200

Elemental analysis of oxygen to uranium Compared to competing XRF systems, the Rigaku Supermini200 offers superior fundamental parameters and empirical

Dec 27, 2025

Shop X-Ray Analytical Equipment For Sale, New and

New, used, and surplus analytical x-ray equipment and supplies. Buy and sell XRF, XRD, XAS, XES, and XAES spectrometers in the LabX marketplace.

Mar 08, 2026

About Energy Dispersive X-ray Fluorescence

EDXRF (energy dispersive X-ray fluorescence) is a non-destructive analytical technique that provides quick qualitative and quantitative elemental analysis of a

Nov 12, 2025

Benchtop EDXRF Spectrometers

Energy dispersive X-ray fluorescence (EDXRF) spectroscopy provides one of the simplest, most accurate and most economic analytical methods for the determination of the chemical composition of

Sep 22, 2025

Fluorescence spectrometer

Find out all of the information about the Rigaku product: fluorescence spectrometer Supermini200. Contact a supplier or the parent company directly to get a quote or

Mar 13, 2026

WD XRF Explained Rigaku Specialist Reveals Secrets 1

I'll talk about the principles of X-ray fluorescence. We'll talk about the differences between sequential and simultaneous spectrometers.

Jan 14, 2026

Strategic Drivers and Barriers in Fluorescence Spectroscopy Market

Fluorescence Spectroscopy market growth is driven by advancing applications. Analyze market dynamics, competitive positioning of firms like Thermo Fisher, and 2034 forecasts. Gain data-centric

Sep 05, 2025

XRF Essentials for Everyday Users

We cover everything you need to know about X-ray fluorescence. From energy-dispersive to wavelength-dispersive XRF, you'll find guides on sample prep, calibration, detection limits, and

Mar 28, 2026

Supermini200 High-Power Benchtop Sequential

As a high-power benchtop sequential wavelength dispersive X-ray fluorescence (WDXRF) spectrometer, for elemental analysis of oxygen (O)

Jun 18, 2026

Rigaku NEX DE, High-Resolution Energy Dispersive X

As a premium high performance benchtop Energy Dispersive X-ray Fluorescence (EDXRF) elemental spectrometer, the new Rigaku NEX DE delivers wide

Mar 14, 2026

SuperMini200

The Rigaku Supermini200 is a high-power benchtop sequential WDXRF spectrometer that offers high sensitivity for detecting light elements. It also

Jul 21, 2025

Supermini200 | X-ray fluorescence spectrometers | Rigaku

High precision, light element sensitivity, and ASTM C114 compliance make the Supermini200 an ideal XRF system for the cement industry as a primary or

May 07, 2026

WDXRF Spectrometers from Rigaku

We cover everything you need to know about X-ray fluorescence. From energy dispersive to wavelength dispersive XRF, you'll find guides on sample prep,

Aug 10, 2025

#rigaku #environmentalanalysis #xrd #xrf #materialanalysis

At the event, Rigaku will showcase a range of cutting-edge analytical technologies and applications, including: - X-ray Diffraction (XRD) - X-ray Fluorescence (XRF) - Advanced material and ...

Jun 21, 2026

X-ray fluorescence (XRF)

Rigaku offerings range from high power, high-performance wavelength dispersive WDXRF systems, for the most demanding applications, to a complete line of

Feb 13, 2026

X-ray fluorescence spectrometer

Compared to competing XRF systems, the Rigaku Supermini200 offers superior fundamental parameters and empirical software capabilities in a high resolution

Dec 11, 2025

Supermini200

The Rigaku Supermini200 is the world's only high-power benchtop wavelength dispersive X-ray fluorescence (WDXRF) spectrometer, delivering the superior

Aug 27, 2025

Rigaku Supermini200 Benchtop WDXRF Spectrometer

For sale New Rigaku Supermini200 Benchtop WDXRF Spectrometer with affordable price USD \$7900.00. Please contact us for ordering information. All prices are subject to change without notice,

Contact Us

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